

Title (en)

Light beam scanning apparatus and image forming apparatus

Title (de)

Lichtstrahlabtastgerät und Bilderzeugungsgerät

Title (fr)

Dispositif de balayage à faisceau lumineux et dispositif de formation d'image

Publication

**EP 0843459 A3 19990317 (EN)**

Application

**EP 97119647 A 19971110**

Priority

JP 30500696 A 19961115

Abstract (en)

[origin: EP0843459A2] A beam position detector output processor (40) converts an output from a beam position detector (38) into beam position information. A main control unit (51) detects a total offset value of a plurality of operational amplifiers constituting the processor (40). The detected offset value is used to compensate a determination reference value used to control the sub-scanning position of a beam, or the beam position information obtained from the beam position detector output processor (40). As a result, the offsets of the operational amplifiers constituting the beam position detector output processor (40) are compensated. <IMAGE>

IPC 1-7

**H04N 1/047**

IPC 8 full level

**B41J 2/44** (2006.01); **G02B 26/10** (2006.01); **G06K 15/12** (2006.01); **H04N 1/04** (2006.01); **H04N 1/047** (2006.01); **H04N 1/113** (2006.01); **H04N 1/12** (2006.01); **H04N 1/191** (2006.01)

CPC (source: EP US)

**G06K 15/1219** (2013.01 - EP US); **H04N 1/0473** (2013.01 - EP US); **H04N 1/1135** (2013.01 - EP US); **H04N 1/12** (2013.01 - EP US); **H04N 1/1911** (2013.01 - EP US); **H04N 2201/02439** (2013.01 - EP); **H04N 2201/04712** (2013.01 - EP US); **H04N 2201/04734** (2013.01 - EP); **H04N 2201/04744** (2013.01 - EP); **H04N 2201/04762** (2013.01 - EP US); **H04N 2201/04794** (2013.01 - EP)

Citation (search report)

- [A] US 5018808 A 19910528 - MEYERS MARK M [US], et al
- [A] EP 0134001 A1 19850313 - SIEMENS AG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 308 (E - 647) 22 August 1988 (1988-08-22)

Cited by

US6958471B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0843459 A2 19980520**; **EP 0843459 A3 19990317**; **EP 0843459 B1 20020724**; CN 1104802 C 20030402; CN 1192552 A 19980909; DE 69714192 D1 20020829; DE 69714192 T2 20030403; JP 3209690 B2 20010917; JP H10142535 A 19980529; US 5929891 A 19990727

DOCDB simple family (application)

**EP 97119647 A 19971110**; CN 97125772 A 19971114; DE 69714192 T 19971110; JP 30500696 A 19961115; US 97080197 A 19971114